

917 EMBANKMENT SPILLWAYS, DOWN-DRAINS, INLETS, AND OUTLETS

Spillways or down-drains for carrying the water collected by the curb from the roadway surface will be constructed at the locations shown on the plans or as directed and in accordance with the Standard Drawings (C-04.10 through C-04.50) and the Standard Specifications. These types of down-drains must be practically waterproof to prevent erosion of the fill. Consequently, if there is any suspicion that it is not waterproof, a test should be made by pouring water through the inlet to test for leakage. If leakage occurs, the point or points of leakage should be patched with hotpoured, or cold-application joint sealant (Subsection 1011-4) as directed by the Resident Engineer.

It is important that drains are carefully located to assure there will be no standing water on the roadway. Standing water can be a traffic hazard or may damage the roadway by seeping into the base and subgrade.